A.11. Description of Tr	reatment			-							
a. What levels of	f treatment a	are provided	l? Check all t	hat a	pply.						
	rimary				dary				NAMES AND		
A	dvanced		√_ (	Other	. Describe:	Post Aera	tion and (	Chlo	orination	EC	EIVED
b. Indicate the fo	ollowing remo	oval rates (	as applicable)	):						IA AI	0
Design BOD <sub>5</sub>	removal <u>or</u> C	Design CBC	D <sub>s</sub> removal			40.	00		9	WAIN	2 7 2016
Design SS rer			£:			40	00		OSNHOL	CIT	Y ENVIRONMEN
Design P remo	oval					0.0	0		9	rieli 4	OFFICE
Design N rem	oval					0.0	0		9	6	
Other						7===				6	
c. What type of c	lisinfaction is	e used for t	ae effluent fm	m th	is outfall? If dis	infection vade	s by seaso	on. r	lease descr	ibe.	
, martypo or c			WFEC								
If disinfection i	7							Ye	25	1	No
d. Does the treat				366 1	or and outran:	5	1	- '` - Ye			No No
u. Does the lieat	ment prant n	lave post a	Hauoni						25		140
collected through of 40 CFR Part 13 At a minimum, eff	n analysis c 16 and other	onducted or appropria	using 40 CFF te QA/QC re	R Par quire	t 136 method: ements for sta	s. In addition indard metho	, this data ds for ana	mu lyte	ist comply is not addre	with Q essed	A/QC requirement by 40 CFR Part 13
collected through of 40 CFR Part 13	n analysis c i6 and other fluent testin	onducted or appropria	using 40 CFF te QA/QC re	R Par quire on a	t 136 methods ements for sta t least three s	s. In addition indard metho	, this data ds for ana nust be no	i mu ilyte i mo	ist comply is not addre	with Q essed or and	A/QC requirement by 40 CFR Part 130 one-half years apa
collected through of 40 CFR Part 13 At a minimum, eff Outfall number:	n analysis c i6 and other fluent testin	onducted or appropria	using 40 CFF te QA/QC re st be based	R Par quire on a	t 136 methods ements for sta t least three s	s. In addition indard metho	, this data ds for ana nust be no	i mu ilyte i mo	ist comply is not addresse than fou	with Quesed or and	A/QC requirement by 40 CFR Part 13/ one-half years apo
collected through of 40 CFR Part 13 At a minimum, eff Outfall number:	n analysis c i6 and other fluent testin	onducted or appropria	using 40 CFF te QA/QC re st be based MAXIMUM Value	R Par quire on a	t 136 methods ments for stat t least three s LY VALUE	s. In addition indard metho amples and n	, this data ds for ana nust be no	i mu ilyte i mo	ist comply to not addressore than four	with Quesed or and	A/QC requirement by 40 CFR Part 13/ one-half years apo
collected through of 40 CFR Part 13 At a minimum, eff Outfall number:  PARAMET	n analysis c i6 and other fluent testin	onducted or appropria	MAXIMUM Value	R Par quire on a	t 136 methods ments for sta t least three s	s. In addition indard metho amples and n	, this data ds for ana nust be no	i mu ilyte i mo	ist comply to not addressore than four	with Quesed or and	A/QC requirement by 40 CFR Part 13/ one-half years apo
collected through of 40 CFR Part 13 At a minimum, eff Outfall number:  PARAMET  H (Minimum)  H (Maximum)	n analysis c i6 and other fluent testin	r appropria ng data mu	MAXIMUM Value	R Pat quire on a	t 136 methodsments for state least three s	s. In addition indard metho amples and n	, this data ds for ana nust be no	i mu ilyte i mo	ist comply to not addressore than four	with Quesed or and	A/QC requirement by 40 CFR Part 13 one-half years ap
collected through of 40 CFR Part 13 At a minimum, eff Outfall number: PARAMET  H (Minimum) H (Maximum)	n analysis c i6 and other fluent testin	r appropria ng data mu	MAXIMUM Value 0	Patrician and DAII	t 136 methodsments for state least three so LY VALUE  Units  S.U.  8.U.	s. In addition indard metho amples and n	A A	i muliyte	ist comply to so not addressore than four RAGE DAIL	with Quesed or and	A/QC requirement by 40 CFR Part 13/ one-half years apo
collected through of 40 CFR Part 13 At a minimum, eff Outfall number:  PARAMET  H (Minimum) H (Maximum) low Rate emperature (Winter)	a analysis c 6 and other fluent testin	7.6	MAXIMUM Value 0 0 149	DAII	t 136 methodsments for state teast three s  LY VALUE  Units  S.U.  9 (2) D  grees F	s. In addition and armples and n	A A	i muliyte	ist comply to so not addresse than four than f	with Quesed ir and	Number of Samples
collected through of 40 CFR Part 13 At a minimum, eff Outfall number:  PARAMET  H (Minimum) H (Maximum) low Rate emperature (Winter) * For pH please rep	a analysis c 6 and other fluent testin	7.6	MAXIMUM Value 0 0 /// 0 aximum daily	DAII	t 136 methodsments for state least three s	Value 66.00	e I	i muliyte	Ist comply to so not addresse than four than f	y VALU	A/QC requirement by 40 CFR Part 13 one-half years ap
collected through of 40 CFR Part 13 At a minimum, eff Outfall number:  PARAMET  H (Minimum) H (Maximum) low Rate emperature (Winter) emperature (Summer)	a analysis c 6 and other fluent testin	7.6 7.8 0 70. um and a m	MAXIMUM Value 0 0 149	DAII	t 136 methodsments for state least three s	s. In addition and armples and n	e I	i muliyte	ist comply to so not addresse than four than f	Y VALU	A/QC requirement by 40 CFR Part 13 one-half years ap
collected through of 40 CFR Part 13 At a minimum, eff Outfall number:  PARAMET  H (Minimum) H (Maximum) low Rate emperature (Winter) * For pH please rep	a analysis c 6 and other fluent testin	7.6 7.8 0 70. um and a m	MAXIMUM Value 0 0 149 00 aximum dally	DAII	t 136 methodsments for state least three s	Value 66.00	e I	VEI	Ist comply to not addresse than four	Y VALU	A/QC requirement by 40 CFR Part 13 one-half years ap
collected through of 40 CFR Part 13 At a minimum, eff Outfall number:  PARAMET  H (Minimum) H (Maximum) iow Rate emperature (Winter) * For pH please rep  POLLUTANT	a analysis c 6 and other fluent testin  1  TER	7.6 7.8 7.0 70. um and a m	MAXIMUM Value 0 0 /// 0 maximum dally MUM DAILY CHARGE Units	DAII Dell	t 136 methods ments for sta t least three s  LY VALUE  Units  S.U.  S.U.  Grees F  RE  AVER,AG  Conc.	Value DAILY DISC	e Number	VEI	Ist comply to not addresse than four	Y VALU	A/QC requirement by 40 CFR Part 13 one-half years app JE Number of Samples
collected through of 40 CFR Part 13 At a minimum, eff Outfall number: PARAMET  H (Minimum) H (Maximum) low Rate emperature (Winter) * For pH please rep POLLUTANT	a analysis c 6 and other fluent testin  1  TER	7.6 7.8 0 70. um and a m MAXII DIS Conc.	MAXIMUM Value 0 0 / / / 9 00 maximum dally CHARGE Units OMPOUNDS	DAII Dell	t 136 methodsments for state least three state least l	Value DAILY DISC	e Number	VEF Deg	Ist comply to not addresse than four	YVALU	A/QC requirement by 40 CFR Part 136 one-half years apa JE Number of Samples
collected through of 40 CFR Part 13 At a minimum, eff Outfall number: PARAMET  H (Minimum) H (Maximum) iow Rate emperature (Winter) * For pH please rep POLLUTANT  ONVENTIONAL AND NO	a analysis c 6 and other fluent testin  1  TER  ONCONVEN	7.6 7.8 0 70. um and a m MAXII DIS Conc.	MAXIMUM Value 0 0 / / / 9 00 maximum dally CHARGE Units OMPOUNDS	DAII Dell	t 136 methods ments for state least three state least	Value  DAILY DISC	e Number Sample	VEF Deg	Ist comply to a not addresse than four than fo	YVALU	A/QC requirement by 40 CFR Part 13/ one-half years apo
collected through of 40 CFR Part 13 At a minimum, eff Outfall number:  PARAMET  H (Minimum) H (Maximum) H (Maximum)  Waste  Emperature (Winter)  * For pH please rep  POLLUTANT  ONVENTIONAL AND NO OCHEMICAL OXYGEN  MAND (Report one)	a analysis c 6 and other fluent testin  1 TER  ONCONVEN  BOD-5	7.6 7.8 0 70. um and a m MAXII DIS Conc.	MAXIMUM Value 0 0 / / / 9 00 maximum dally CHARGE Units OMPOUNDS	DAII Del	t 136 methodsments for state least three state least l	Value  DAILY DISC	e Number Sample	VEF Deg	Ist comply to a not addresse than four than fo	VVALUE 3.00	A/QC requirement by 40 CFR Part 13/ one-half years apo
collected through of 40 CFR Part 13 At a minimum, eff Outfall number:  PARAMET  H (Minimum) H (Maximum)  dow Rate emperature (Winter)  * For pH please rep	analysis c 6 and other fluent testin  1 TER  ONCONVEN  BOD-5  CBOD-5	7.6 7.8 7.0 Tonal Conc.  NTIONAL Co. 3.96 7.80	MAXIMUM Value  O  O  MAXIMUM Value  O  O  MUM DAILY CHARGE  Units  OMPOUNDS	DAII Del	t 136 methods ments for state least three state least	Value DAILY DISC	this data ds for ana nust be no AABB AARGE Number Sample 3.00	Deg	Ist comply to so not addresse than four than f	3.00	A/QC requirement by 40 CFR Part 13 one-half years apa  JE  Number of Samples  ML / MDL
collected through of 40 CFR Part 13 At a minimum, eff Outfall number:  PARAMET  H (Minimum) H (Maximum) H (Maximum	analysis c 6 and other fluent testin  1 TER  ONCONVEN  BOD-5  CBOD-5	7.6 7.8 0 70. um and a m MAXII DIS Conc.	MAXIMUM Value 0 0 1/49 00 MAXIMUM DAILY CHARGE Units OMPOUNDS mg/l col/100m	DAII  Deliving	t 136 methods ments for state least three state	Value DAILY DISC Units mg/l	e AARGE Number Sample 3.00	Deg	Ist comply to so not addresse than four than f	3.00	A/QC requirement by 40 CFR Part 13 one-half years ap  JE  Number of Samples  ML / MDL

## FACILITY NAME AND PERMIT NUMBER:

- the answer to B.5.b is "Yes," briefly describe, including new maximum daily inflow rate (if applicable).

  not mandated; TDEC has encouraged upgrade because of flow cap, and O&M problems
- d. Provide dates imposed by any compliance schedule or any actual dates of completion for the implementation steps listed below, as applicable. For improvements planned independently of local, State, or Federal agencies, indicate planned or actual completion dates, as applicable. Indicate dates as accurately as possible.

	Schedule	,4ctual Completion
Implementation Stage	MM / DD / YYYY	I/IM / DD / YYYY
- Begin construction	11111	
- End construction	-1-1-1	/
- Begin discharge	//	
- Attain operational level		

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e. Have appropriate permits/clearances concerning other Federal/State requirements been obtained?

Describe briefly: In Design Phase. Plans approval will have to be obtained.

## B.6. EFFLUENT TESTING DATA (GREATER THAN O.1 MGD ONLY).

Applicants that discharge to waters of the US must provide effluent testing data for the following parameters. Provide the indicated effluent testing required by the permitting authority for each outfall through which effluent is discharged. Do not include information on combined sewer overflows in this section. All information reported must be based on data collected through analysis conducted using 40 CFR Part 136 methods. In addition, this data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136. At a minimum, effluent testing data must be based on at least three pollutant scans and must be no more than four and one-half years old.

Outfall Number: 1

POLLUTANT		UM DAILY HARGE	AVERA	GE DAILY DIS		ML/MDL	
	Conc. Units		Conc.	Units	Number of Samples		ANALYTICAL METHOD
CONVENTIONAL AND NO	NCONVENTION	AL COMPOU	NDS.	,1		Carried Control	
AMMONIA (as N)	1.0.911	mg/l	10.109	mg/I	3.00	EPA 350.1	0.2
CHLORINE (TOTAL RESIDUAL, TRC)	0.10	mg/l	∠0.10	mg/l	3.00	SM4500CLB	0.1
DISSOLVED OXYGEN	6.60	ppm	-4.60	ppm	3.00	STDM4500-OG	0.1
TOTAL KJELDAHL NITROGEN (TKN)	5.75	mg/l	2.75	mg/l	3.00	EPA 351.2	.2
NITRATE PLUS NITRITE NITROGEN	1-76.7:	mg/l	190.3	mg/l	3.00	EPA 353.2	.05
OIL and GREASE	1-45,56	mg/l	75.37	mg/l	3.00	EPA 1664	5
PHOSPHORUS (Total)	13.1	mg/l	11.0	mg/l	3.00	SM 4500 P-F	0.1
TOTAL DISSOLVED SOLIDS (TDS)	780	mg/l	615	mg/i	3.00	SM2540C	1
OTHER	<b>-</b>						

## END OF PART B. REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM 2A YOU MUST COMPLETE